

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF AN EXCLUSIVE PERMISSIVE LEFT TURN PHASE FOR EAST BOUND MD 133/OLD COURT ROAD

INTERSECTION OPERATION

THIS INTERSECTION WILL OPERATE IN A NEMA SIX PHASE OPERATION. THERE WILL BE AN EXCLUSIVE PERMISSIVE LEFT TURN PHASE FOR MD 133/OLD COURT ROAD LEFT TURN MOVEMENTS, ALONG WITH THE MD 133/OLD COURT ROAD THROUGH MOVEMENTS OPERATING CONCURRENTLY. THE MD 129 APPROACHES OPERATE AS A SIDE STREET SPLIT PHASE.

MD 133/OLD COURT ROAD IS ASSUMED TO RUN IN AN EAST WEST DIRECTION.

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

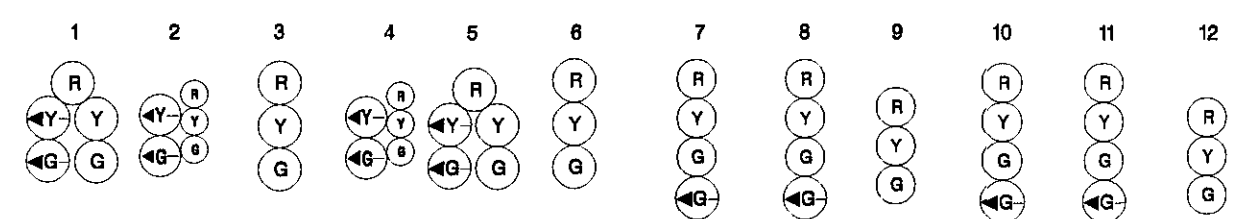
ITEM NO.	QUANTITY	DESCRIPTION
9504	10.5 SF	SHEET ALUMINUM SIGN CONSISTING OF R10-12 36"x42" LEFT TURN YIELD ON GREEN

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

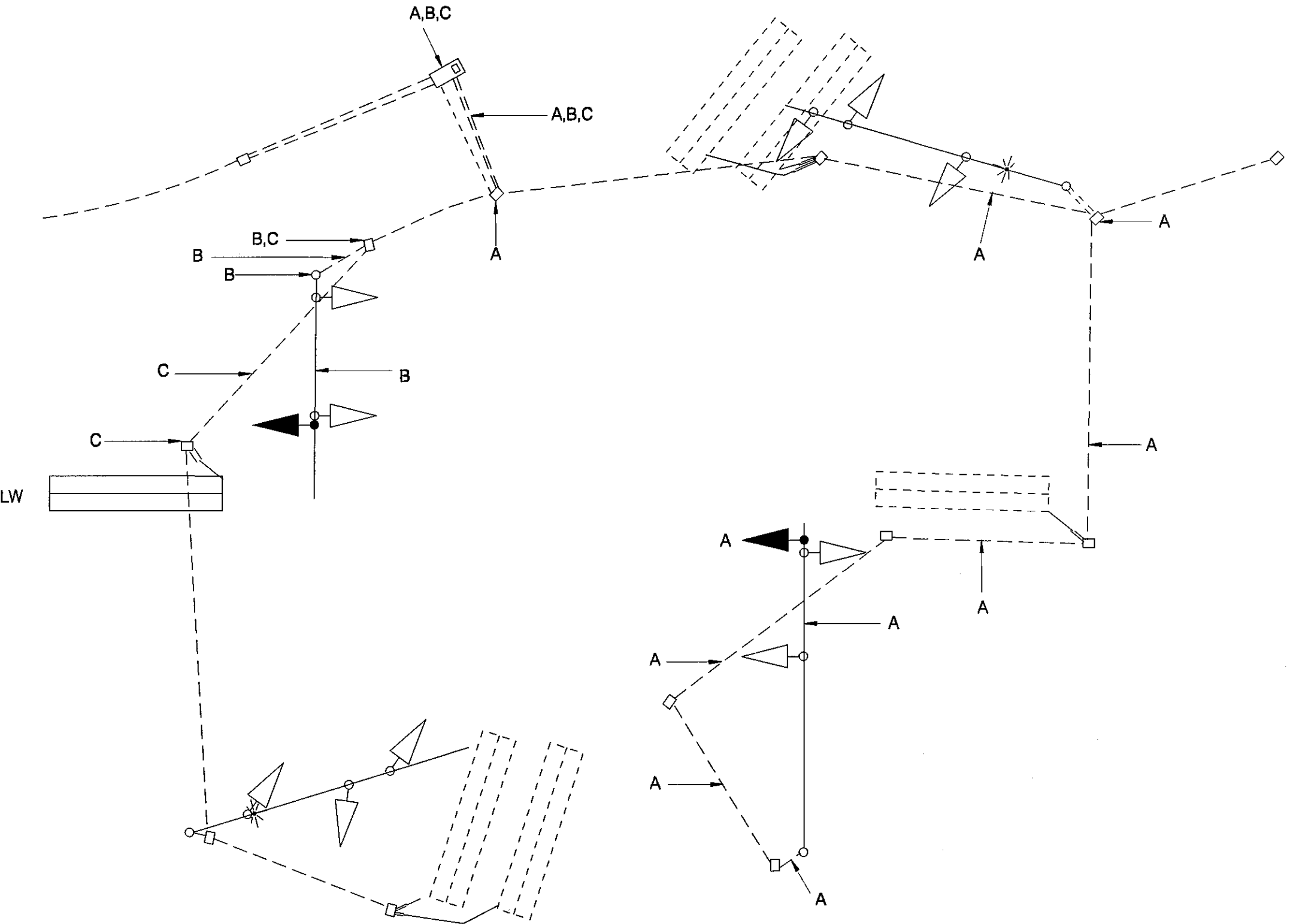
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8008	2 EA	CUT, CLAMP, AND CAP TRAFFIC SIGNAL STRUCTURE
8011	7 EA	F&I 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8019	3 EA	F&I 8 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8048	1 EA	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT PER ASSIGNMENT
8075	10.5 SF	INSTALL OVERHEAD SIGN
8081	130 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8085	150 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO 14 AWG)
8087	450 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO 14 AWG)
8088	125 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)

C. MATERIAL TO BE REMOVED AND RETURNED TO SHA

NONE



Phase 1 & 5	←G- R	←G- R	R	←G- R	←G- R	R	R	R	R	R	R	R	R	R	R	↑
1 & 5 Change	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6															↓
Phase 1 & 6	←G- G	←G- G	G	R	R	R	R	R	R	R	R	R	R	R	R	↑
1 Change	←Y- G	←Y- G	G	R	R	R	R	R	R	R	R	R	R	R	R	↑
Phase 2 & 5	R	R	R	←G- G	←G- G	G	R	R	R	R	R	R	R	R	R	↓
5 Change	R	R	R	←Y- G	←Y- G	G	R	R	R	R	R	R	R	R	R	↓
Phase 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	R	R	R	↓
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	↓
Phase 3	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑
3 Change	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑
Phase 4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↓
4 Change	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↓
Flashing Operation	FLY	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR	FLR	FLR	FLR	↓



WIRING DIAGRAM  
A - EXISTING 7 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG.  
B - 7 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG  
C - 2 CONDUCTOR ALUMINUM SHIELDED CABLE NO. 14 AWG  
LW - LOOPWIRE NO. 14 AWG

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 129 (PARK HEIGHTS AVE.) AND  
MD 133 (OLD COURT RD)

DRAWN BY: D. DICKERSON	F.A.P. NO.	TS NO. TS-147 F	SHEET NO. 2 OF 2
CHECKED BY:	S.H.A. NO. 247645D		
SCALE: NONE	COUNTY: BALTIMORE	T.J.M.S. NO. F194	
DATE: 5/02	LOG MILE:		